

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO. / TASK NO.	JOB ORDER NUMBER	APPROVAL
QSS Group, Inc.	NAS5- 99124 TASK NO. 196 AMENDMENT	564-315-90-15 -89	00

TASK TITLE: (NTE 80 characters; include Project name)

RTOP Altera FQPSK and Quickcircuit FQPSK Task

APPROVALS: (Type of print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

Robyn L. King <i>Robyn L. King</i>	DATE 12/15/99	ORG CODE 564	MAIL CODE 564	PHONE 301-286-6520
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BRANCH HEAD

Robert L. Kasa <i>Robert L. Kasa</i>	DATE 1/4/00	CODE 564	PHONE 301-286-8043
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CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Robert S. Lehair, Jr. <i>Robert S. Lehair</i>	DATE 1/5/00	CODE 560	PHONE 301-286-6588
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FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?

CONTRACTING OFFICER'S QUALITY REP.

DESIGNATED FAM:

IF YES, NEED CODE 303 CONCURRENTLY NEXT BLOCK

[X] NO [] YES

Larry Moore

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: JAN 12 2000

Contractor will develop specification or statement of work under this task for a future procurement. [X] NO [] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery. [] NO [] YES [X] N/A

Government Furnished Property/Facilities: [X] NO [] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance: [] NO [X] YES If yes: [] TOTAL [X] PARTIAL
If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached: [X] NO [] YES

Highlighted Contract Clauses: (to be completed by Contracting Officer)

The effective date of this task is February 14, 2000.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 24,520.

The target fee of this task order is \$ 1,572.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 26,092.

The maximum fee is \$ 2,298.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Loirie L. Eakin

2/14/00

Loirie L. Eakin
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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QSS Group, Inc.	NA95- 99124	196	

Applicable paragraphs from contract Statement of Work:

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The purpose of this task is to provide the RTOP Altera FQPSK and the Quickcircuit FQPSK circuit boards. These boards are a continuation of work started on Task 118 and will require close coordination between the GSFC engineer, the PWA designer, and assembly personnel.

To complete this task the contractor shall perform Printed Wiring Assembly design/layout, ✓✓
Generate fabrication documentation, generate assembly documentation, and deliver this documentation to the GSFC.

The contractor shall also provide the Printed Wiring Boards (PWB's) and any required parts and Materials (assume 10 line items). ✓

The contractor shall also assemble the PWA, using GFE parts and materials, and deliver them to the GSFC for engineering test. ✓

The contractor shall also provide rework support to the initial FQPSK PWA provided under Task 118. This support shall be provided, as required, during engineering test.

PERFORMANCE SPECIFICATIONS:

1. Perform Printed Wiring Board design/layout using PADS Power PCB, version 2.0, or later.
2. PWB fabrication drawings, assembly drawings, and parts lists shall be generated in Autocad 14 (or later) format.
3. Fabrication and assembly per best commercial practice.

APPLICABLE DOCUMENTS:

1. GFE schematics, netlists, and parts specification lists.

TASK END DATE: ~~XXXXXX~~ 4/23/00

MILESTONES/DELIVERABLES AND DATES:

- | | | |
|---|-----------------|-------------------------|
| 1. Altera FQPSK Fabrication documentation. | XXXXXX | 2/28/00 |
| 2. Quicklogic FQPSK fabrication documentation | XXXXXX | 3/15/00 |
| 3. Assembly documentation (Both PWA's) | 4/12/00 (Quick) | XXXXXX 3/27/00 (Altera) |
| 4. Fabricated Printed Wiring Boards (3 each) | 3/29/00 (Quick) | XXXXXX 3/13/00 (Altera) |
| 5. Assembled PWA's (2 each) | 4/12/00 (Quick) | XXXXXX 3/27/00 (Altera) |
| 6. Electronic files | XXXXXX | 4/23/00 |

PERFORMANCE STANDARDS:

- Schedule:** On-time delivery of assembled and inspected PWB's.
Technical: Meets requirements as determined by the TM.

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Thomas Winkert, building 23, room E325